

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Marathon Oil Company

3. ADDRESS OF OPERATOR

P O Box 552, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface

670' FSL & 650' FEL

At proposed prod. zone

670' FSL & 650' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

30 miles west of Hobbs, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

650'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

* 1652'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3617.8' GR

Capitan Controlled Water Basin

22. APPROX. DATE WORK WILL START*

June 1, 1991

23. PROPOSED CASING AND CEMENTING PROGRAM

R-111-P Potash Secretary's Potash

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54	450'	360 sx - circulate
11"	8-5/8"	32	5300'	2500 sx - circulate
7-7/8"	5-1/2"	15.5 & 17	9650'	740 sx - SEC slugs.

Propose to drill to a TD of 9650'.

All casing will be run and cemented in accordance with regulations and by approved methods.

Blowout prevention equipment will be applied as outlined in Additional Information.

See attached Multipoint Surface Use Plan and Additional Information for specific drilling operations.

* Distance to Hamon Federal Com. #1-A

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Drilling Superintendent

DATE

3/8/91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Orig. Signed by Richard L. Martin

TITLE

AREA MANAGER

PARKS AND RECREATION AREA

DATE

9/3/91

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

SEP 17 1991
FBI
NEW YORK OFFICE

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Marathon Oil Company			Lease Hamon Federal		Well No. 3
Unit Letter P	Section 7	Township 20 South	Range 34 East	County Lea	
Actual Footage Location of Well: 670 feet from the South line and 650 feet from the East line					
Ground level Elev. 3617.8	Producing Formation Bone Spring		Pool Wildcat	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

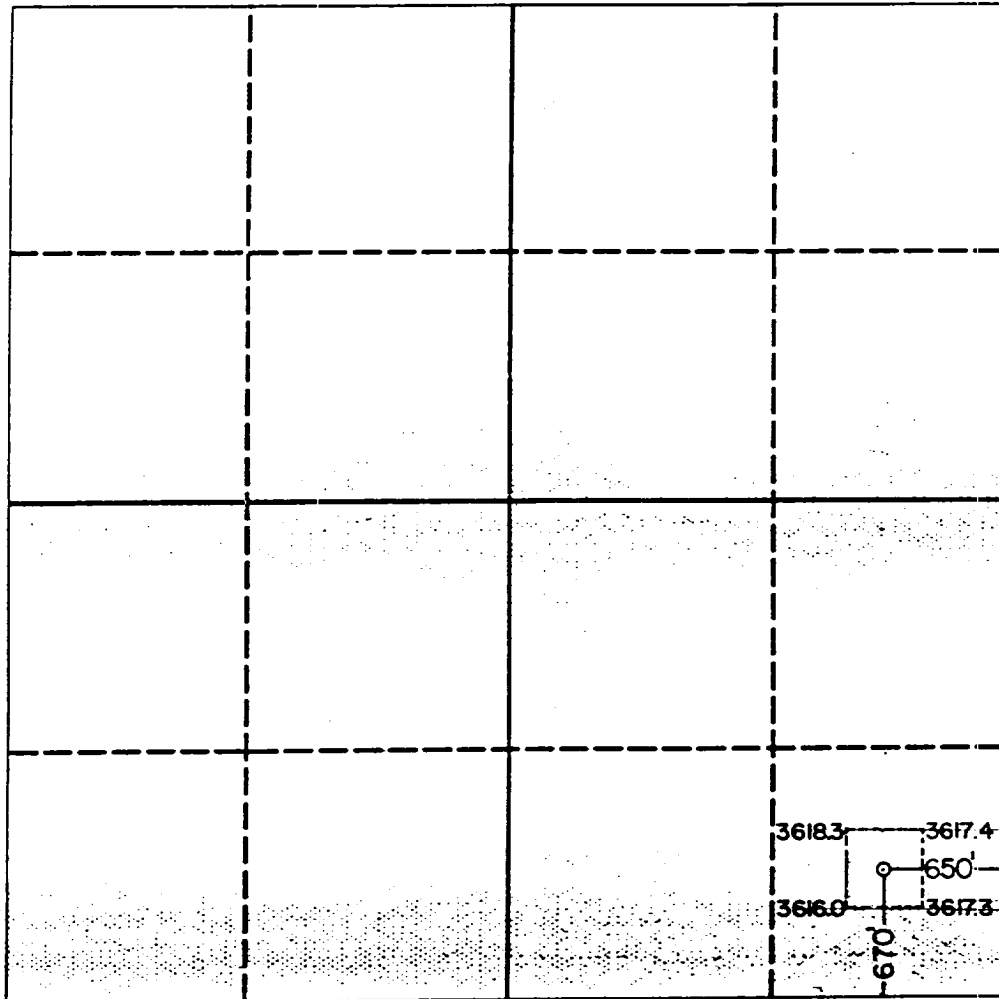
☐ Yes

☐ No

If answer is "yes" type of consolidation

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

S. L. Atnipp

Position

Drilling Superintendent

Company

Marathon Oil Company

Date

5/8/91

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

April 24, 1991

Signature & Seal of
Professional Surveyor

Certificate No.

JOHN W. WELLS

676

RONALD J. EIDSON,

3239

RECEIVED

SEP 17 1991

U.S. DEPT. OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

MARATHON OIL COMPANY

HAMON FEDERAL #3
ADDITIONAL INFORMATION
Comply with Order 1

In conjunction with Form 9-331C, Application to drill subject well, Marathon Oil Company submits the following items of information in accordance with BLM requirements:

1. Geological Name of Surface Formation

Quaternary Alluvium

2. Estimated Tops of Important Geological Markers

Rustler	1213'	Delaware	5350'
Base of Salt	3150'	Bone Spring	8350'
Yates	3450'	1st Sand	9410'
T/Capitan Reef	3800'		
B/Capitan Reef	4650'		

3. Estimated Depths of Anticipated Water, Oil or Gas Bearing Formations

Yates (water)	3450'
T/Capitan Reef(water)	3800'
B/Capitan Reef (water)	4650'
Delaware (water & oil)	5350'
Bone Spring (water & oil)	8350'
1st Sand (water & oil)	9410'

4. Casing and Cementing Program

13-3/8" Surface to 450':	Cement to surface with 360 sxs Class "C" with 2% CaCl_2
8-5/8" Intermediate to 2800':	Cement to surface with 2200 sxs Modified Lite followed by 300 sxs Class "C" with 2% CaCl_2
5-1/2" Production to 9,650':	Cement to 2500' with 200 sx Class "H" PozMix; tail in with 100 sx Class "H". Second stage 550 sx Class "H". Possible stage tool setting @ 7500'.

